



**LIETUVOS RESPUBLIKOS APLINKOS MINISTERIJA
THE MINISTRY OF ENVIRONMENT OF THE REPUBLIC OF LITHUANIA**

A. Jakšto St 4, LT-01105 Vilnius, tel: +370 626 22252, e-mail: info@am.lt <http://am.lrv.lt>

The State Environmental Service
pasts@vvd.gov.lv

2026 08

NOTIFICATION IN ACCORDANCE WITH ARTICLE 3 OF THE CONVENTION ON ENVIRONMENTAL IMPACT ASSESSMENT REGARDING CONSTRUCTION AND OPERATION OF A PROJECT OF NATIONAL IMPORTANCE FOR THE INTERCONNECTION OF THE NORTH-WESTERN AND EASTERN ELECTRICITY TRANSMISSION NETWORKS ("CONSTRUCTION OF THE 330 KV DARBĖNAI–VARDUVA–MŪŠA TRANSMISSION LINE, THE 330 KV PANEVĖŽYS–MŪŠA TRANSMISSION LINE AND THE 330/110/10 KV VARDUVA SUBSTATION")

The Ministry of Environment of the Republic of Lithuania, acting as a Point of Contact regarding notification in accordance with Article 3 of the Convention on Environmental Impact Assessment in a Transboundary Context (hereinafter – the Espoo Convention), hereby notifies the Republic of Latvia about a proposed activity under the jurisdiction of the Republic of Lithuania – Construction of the engineering infrastructure (electricity transmission networks) of the Project of National Importance for the Interconnection of the North-Western and Eastern Electricity Transmission Networks (Construction of the 330 kV Darbėnai–Varduva–Mūša Transmission Line, the 330 kV Panevėžys–Mūša Transmission Line and the 330/110/10 kV Varduva Substation), for which an Environmental Impact Assessment (hereinafter – EIA) is being carried out. The routes of the overhead electricity transmission lines are planned within the territories of the Kretinga, Skuodas, Mažeikiai, Akmenė, Joniškis, Pakruojis and Panevėžys District Municipalities of the Republic of Lithuania.

Pursuant to the second amendment to the Espoo Convention, adopted by Decision III/7 of 4 June 2004, construction of overhead electrical power lines with a voltage of 220 kV or more and a length of more than 15 km are included in Annex I of the Convention. The EIA is being conducted because the proposed activity falls within the scope of activities listed in Annex I to the Espoo Convention.

The organizer of the proposed activity is Litgrid AB – the Lithuanian Electricity Transmission System Operator, Karlo Gustavo Emilio Manerheimio st. 8, LT-05131, Vilnius, tel. no. +370 707 02 171, e-mail: info@litgrid.eu, contact person: Valerijus Makarovas, tel. no. +370 687 93476, e-mail: valerijus.makarovas@litgrid.eu

The preparer of the EIA documents is UAB Infraplanas, Inovacijų st. 3, Biruliškių village, LT-54469, Kaunas district, www.infraplanas.lt; e-mail: info@infraplanas.lt, contact person: Tadas Vaičiūnas, tel. no. +370 693 90 610.

The proposed activity comprises the construction of the 264.74 km long 330 kV Darbėnai–Varduva–Mūša and Panevėžys–Mūša overhead transmission lines, together with the construction of the new 330/110/10 kV Varduva Substation. The engineering infrastructure corridor of the overhead transmission lines covers an area of approximately 2,031.08 ha, while the construction zone within forest land occupies approximately 264.402 ha. Within the planned site of the Varduva Substation, approximately 11.10 ha of forest land is proposed to be converted to other land uses.

During the construction phase, foundations for the overhead transmission line towers will be installed, steel lattice towers will be erected, conductors, shield wires and an optical ground wire will be strung, the 330/110/10 kV Varduva Substation will be constructed, and the works required to connect it to the existing electricity transmission network will be carried out. Where necessary, temporary access roads, construction sites and construction material storage areas will be established. During the construction period a temporary increase in the intensity of construction machinery and heavy goods vehicle traffic is anticipated due to the transportation of construction materials, structural components and equipment.

Most of the proposed overhead transmission line route extends through agricultural land, while locally crossing forest areas, surface water bodies, transport infrastructure and other engineering infrastructure. The route also passes through scattered residential areas and rural settlements, while avoiding densely urbanized areas.

The closest point of the proposed 330 kV overhead transmission line route is located approximately 760 m from the state border between the Republic of Lithuania and the Republic of Latvia. The remaining sections of the proposed activity are located at a distance of not less than approximately 1.5 km from the state border of the Republic of Latvia. The planned 330/110/10 kV Varduva Substation is situated approximately 4 km from the state border between the Republic of Lithuania and the Republic of Latvia.

Within the immediate cross-border area of Lithuania and Latvia, the nearest Natura 2000 site is the Special Area of Conservation (SAC) Ventos aukštupys (site code LTAKM0002), located approximately 730 m from the proposed overhead transmission line. No other protected areas or cultural heritage properties are located within the border area. The nearest isolated residential buildings on the Latvian side, in the settlement of Janmuiža, are situated at more than 1 km from the proposed overhead transmission line. No cultural heritage properties have been identified

within the border area. An assessment of the potential transboundary impacts on these areas and further details regarding the proposed activity, its location and potential environmental impacts are provided in the document attached to this notification.

Referring to Article 3.3 of the Espoo Convention and other relevant provisions of international and national legislation and with an intent to ensure efficient consultations and public participation, we kindly ask you to acknowledge the receipt of the notification and by **September 22, 2026**:

- indicate whether you intend to participate in the process of EIA as a potentially affected country;
- provide comments and proposals concerning the EIA;
- submit comments you might receive from the public and relevant authorities of your country;
- preferred form of consultation.

Please address your response to this notification to Mr. Vitalijus Auglys, Point of Contact regarding Notification in accordance with Article 3 of the Convention on Environmental Impact Assessment in a Transboundary Context:

Mr. Vitalijus Auglys
Head of Pollution Prevention Policy Group
Ministry of Environment of the Republic of Lithuania
Telephone: +370 686 46 087
E-mail: vitalijus.auglys@am.lt (CC: beata.silobritiene@am.lt)

Enclosed: Information on the proposed economic activity and its possible transboundary impact, in English, 23 pages.

Sincerely,
Vice-minister
Giedrė Ričkutė

R. Griškevičienė, +370 69511585, e-mail: rasa.griskeviciene@am.lt

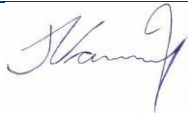
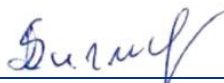


Information on the Construction of the Engineering Infrastructure (Electricity Transmission Networks) of the Project of National Importance for the Interconnection of the North-Western and Eastern Electricity Transmission Networks ("Construction of the 330 kV Darbėnai–Varduva–Mūša Transmission Line, the 330 kV Panevėžys–Mūša Transmission Line and the 330/110/10 kV Varduva Substation") and Its Potential Transboundary Environmental Impact



2026 m.
Kaunas

Report title	Information on the Construction of the Engineering Infrastructure (Electricity Transmission Networks) of the Project of National Importance for the Interconnection of the North-Western and Eastern Electricity Transmission Networks ("Construction of the 330 kV Darbėnai–Varduva–Mūša Transmission Line, the 330 kV Panevėžys–Mūša Transmission Line and the 330/110/10 kV Varduva Substation") and Its Potential Transboundary Environmental Impact
Location of the Proposed Activity	Kretinga District Municipality, Skuodas District Municipality, Mažeikiai District Municipality, Akmenė District Municipality, Joniškis District Municipality, Pakruojis District Municipality and Panevėžys District Municipality
Developer of the Proposed Activity	Litgrid AB – Lithuanian Electricity Transmission System Operator Karlo Gustavo Emilio Mannerheimo St. 8, LT-05131 Vilnius, Lithuania Tel. +370 707 02 171, E-mail: info@litgrid.eu Contact person: Valerijus Makarovas Tel. +370 687 93476, E-mail: valerijus.makarovas@litgrid.eu
Report version	1
Report preparation year	2026 m.

Report Prepared by			
	UAB „INFRAPLANAS“, Inovacijų g. 3, Biruliškių k., LT-54469 Kaunas, Įm. Kodas 160421745, www.infraplanas.lt, info@infraplanas.lt		
Name	Position / Education	Responsibility	Signature
Tadas Vaičiūnas	Executive Director, MSc in Applied Ecology	Project coordination	
Lina Anisimovaitė	Director, MSc in Environmental Science	Report preparation	
Raminta Survilė	Project Manager, Bachelor's Degree in Public Health	Health Impact Assessment	
Nedas Laurinavičius	Project Manager, MSc in Geography and Landscape	Noise and Electromagnetic Field Assessment	

2026 m.
Kaunas

CONTENTS

ABBREVIATIONS AND DEFINITIONS	4
1. CONTACT DETAILS OF THE DEVELOPER OF THE PROPOSED ACTIVITY (NAME OF THE NATURAL PERSON OR LEGAL ENTITY, ADDRESS, TELEPHONE NUMBER AND E-MAIL)	5
2. INFORMATION ON THE PROPOSED ACTIVITY	5
2.1. NAME OF THE PROPOSED ACTIVITY.....	5
2.2. TYPE OF THE PROPOSED ACTIVITY, INDICATING WHETHER IT IS LISTED IN APPENDIX I TO THE 1991 UNITED NATIONS CONVENTION ON ENVIRONMENTAL IMPACT ASSESSMENT IN A TRANSBOUNDARY CONTEXT (HEREINAFTER REFERRED TO AS THE CONVENTION)	5
2.3. DESCRIPTION OF THE PROPOSED ACTIVITY, INCLUDING THE MAIN ACTIVITY AND DIRECTLY RELATED ANCILLARY ACTIVITIES (INCLUDING INFORMATION ON THE PROPOSED TECHNOLOGY, ASSOCIATED INFRASTRUCTURE, CHANGES IN TRAFFIC FLOWS, ETC.)	5
2.4. SCALE OF THE PROPOSED ACTIVITY (LAND AREA OCCUPIED, CAPACITY, PRODUCTION SCALE, CONSUMPTION OF WATER, RAW MATERIALS AND ENERGY, WASTE GENERATION, ETC.).....	8
2.5. IMPLEMENTATION PERIOD OF THE PROPOSED ACTIVITY (E.G. COMMENCEMENT AND DURATION OF CONSTRUCTION WORKS, DURATION OF THE OPERATIONAL AND DECOMMISSIONING PHASES, ETC.)	8
3. INFORMATION ON THE LOCATION OF THE PROPOSED ACTIVITY	9
3.1. LOCATION AND DESCRIPTION OF THE PROPOSED ACTIVITY (GEOGRAPHICAL CHARACTERISTICS OF THE AREA, SOCIAL AND ECONOMIC FEATURES, DISTANCE TO THE AFFECTED PARTY TO THE CONVENTION AND SENSITIVE AREAS LOCATED THEREIN, E.G. NATURA 2000 SITES AND OTHER PROTECTED AREAS, CULTURAL HERITAGE PROPERTIES AND CULTURAL HERITAGE SITES, SETTLEMENTS, ETC.)	9
3.2. JUSTIFICATION FOR THE SELECTION OF THE LOCATION OF THE PROPOSED ACTIVITY (E.G. GEOGRAPHICAL AND ECONOMIC CONSIDERATIONS).....	10
3.3. MAPS AND OTHER GRAPHIC MATERIALS DELINEATING THE PROPOSED ACTIVITY AND INDICATING THE DISTANCES TO THE AFFECTED PARTY TO THE CONVENTION AND THE SENSITIVE AREAS REFERRED TO IN SECTION 3.1 LOCATED THEREIN	10
4. INFORMATION ON THE POTENTIAL SIGNIFICANT ADVERSE TRANSBOUNDARY ENVIRONMENTAL IMPACT	12
4.1. BASIS FOR THE POTENTIAL TRANSBOUNDARY ENVIRONMENTAL IMPACT	12
4.2. IMPACTS ON BIODIVERSITY AND PROTECTED AREAS	13
4.3. IMPACTS ON SURFACE WATER AND GROUNDWATER.....	13
4.4. IMPACTS ON AMBIENT AIR, NOISE, ELECTROMAGNETIC FIELDS AND PUBLIC HEALTH.....	13
4.5. IMPACTS ON LANDSCAPE AND CULTURAL HERITAGE.....	14
4.6. TRANSBOUNDARY RISK OF ACCIDENTS AND EMERGENCY SITUATIONS	14
4.7. POSITIVE SOCIAL AND ECONOMIC IMPACTS	15
4.8. CONCLUSION ON THE POTENTIAL TRANSBOUNDARY ENVIRONMENTAL IMPACT	15
APPENDICES.....	15
1. APPENDIX 1. OVERHEAD TRANSMISSION LINE ROUTE AND SWITCHYARD DRAWINGS	15

ABBREVIATIONS AND DEFINITIONS

AAA – Environmental Protection Agency;
 AB – Public Limited Company;
 AM – Ministry of Environment;
 SAC – Special Area of Conservation;
 OHTL – Overhead Transmission Line;
 HN – Lithuanian Hygiene Norm;
 SPA – Special Protection Area;
 EIA – Environmental Impact Assessment;
 TSO – Transmission System Operator;
 SEA – Strategic Environmental Assessment;
 PSIS – Protected Species Information System;

1. Contact Details of the Developer of the Proposed Activity (Name of the natural person or legal entity, address, telephone number and e-mail)

Developer of the Proposed Activity	Litgrid AB – the Lithuanian Electricity Transmission System Operator Karlo Gustavo Emilio Manerheimo st. 8, LT-05131 Vilnius, tel. +370 707 02 171, e-mail info@litgrid.eu. Contact Person: Valerijus Makarovas Tel. +370 687 93476 e-mail valerijus.makarovas@litgrid.eu
EIA Report Prepared by	UAB Infraplanas, company registration No. 160421745, Inovacijų st. 3, Biruliškių Village, LT-54469, Kaunas District., www.infraplanas.lt ; e-mail info@infraplanas.lt. Contact Person: Tadas Vaičiūnas, tel. +370 693 90 610.

2. Information on the Proposed Activity

2.1. Name of the Proposed Activity

Construction of the engineering infrastructure (electricity transmission networks) of the Project of National Importance for the Interconnection of the North-Western and Eastern Electricity Transmission Networks (Construction of the 330 kV Darbėnai–Varduva–Mūša Transmission Line, the 330 kV Panevėžys–Mūša Transmission Line and the 330/110/10 kV Varduva Substation).

2.2. Type of the Proposed Activity, indicating whether it is listed in Appendix I to the 1991 United Nations Convention on Environmental Impact Assessment in a Transboundary Context (hereinafter referred to as the Convention)

The proposed activity is the Project of National Importance for the Interconnection of the North-Western and Eastern Electricity Transmission Networks, comprising the construction of the 330 kV Darbėnai–Varduva–Mūša and Panevėžys–Mūša overhead electricity transmission lines and the 330/110/10 kV Varduva Substation.

The proposed activity is listed in Appendix I to the 1991 United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context (the Espoo Convention), which includes the construction of overhead electrical power lines with a voltage of 220 kV or more and a length exceeding 15 km.

Pursuant to Article 10(2) of the Law of the Republic of Lithuania on Environmental Impact Assessment of the Proposed Economic Activity, the Ministry of Environment of the Republic of Lithuania has determined that the proposed activity may have a significant impact on the environment of the Republic of Latvia. In accordance with the Description of the Procedure for Transboundary Environmental Impact Assessment of Proposed Economic Activities, approved by Order No. D1-157 of the Minister of Environment of the Republic of Lithuania of 23 May 2023, this information on the proposed activity and its potential transboundary environmental impact is submitted to the Ministry of Environment of the Republic of Lithuania, which will forward it to the competent authority of the Republic of Latvia for a decision on participation in the transboundary environmental impact assessment procedure.

2.3. Description of the Proposed Activity, Including the Main Activity and Directly Related Ancillary Activities (Including Information on the Proposed Technology, Associated Infrastructure, Changes in Traffic Flows, etc.)

The proposed activity is the Project of National Importance for the Interconnection of the North-Western and Eastern Electricity Transmission Networks, comprising the construction of the 330 kV Darbėnai–Varduva–Mūša and Panevėžys–Mūša overhead electricity transmission lines and the 330/110/10 kV Varduva Substation. The routes of the overhead electricity transmission lines are planned within the territories of the Kretinga, Skuodas, Mažeikiai, Akmenė, Joniškis, Pakruojis and Panevėžys District Municipalities. The principal technical characteristics of the proposed activity are presented in Tables 1 table and 2 table, while the location of the

proposed activity and the layouts of the overhead electricity transmission line routes by municipality are provided in Appendix 1.

1 table. Nearest Objects and Areas, Crossings, and General Characteristics within the 77 m Wide Proposed OHTL Corridor

No.	Parameter / Unit	Overhead Transmission Line (OHTL)
1.	GENERAL INFORMATION	
1.1.	Route length, km	264,74
1.2.	Number of angle towers	92
1.3.	Area of the 330 kV OHTL protection zone, ha	2031,08
2.	CROSSINGS OF PROTECTED AND NATURAL AREAS	
2.1.	Protected areas and biosphere polygons, No.	0
2.2.	Nature reserves, No.	0
2.3.	Special Protection Areas (SPAs), No.	1
2.4.	Special Areas of Conservation (SACs), No.	1
2.5.	Natural habitats of European Community importance, No.	31
2.6.	Protected species records (occurrence sites), No.	2
2.8.	Surface water bodies, No.	97
2.9.	Mineral deposits, No.	7
2.10	Forest genetic resources (part of a pedunculate oak seed plantation – 0.95 ha)	0
3.	HERITAGE	
3.1	Natural heritage objects, No.	0
3.2.	Immovable cultural heritage properties, No.	3
3.3.	Protection zones of immovable cultural heritage properties, No.	1
4.	CROSSINGS OF TRANSPORT INFRASTRUCTURE	
4.1.	National roads, No.	2
4.2.	Regional roads, No.	9
4.3.	District roads, No.	51
4.4.	Local roads with identification numbers, No.	58
4.5.	Railways, No.	14
4.6.	Wind farms, No.	8
4.7.	Solar power plants / solar parks, No.	0
5.	CROSSINGS OF ENGINEERING INFRASTRUCTURE	
5.1.	Existing 330 kV overhead transmission lines, No.	4
5.2.	Existing 110 kV overhead transmission lines, No.	22
5.3.	Existing 35 kV overhead transmission lines, No.	9
5.4.	Existing 10 kV overhead transmission lines, No.	74
5.5.	High-pressure gas transmission pipeline, No.	4
5.6.	Oil pipeline (petroleum products pipeline), No.	6
6.	CONVERSION OF FOREST LAND TO OTHER LAND USE	
6.1.	Forest land within the OHTL construction zone, ha	264,402
6.2.	State forest land within the construction zone, ha	111,21
6.3.	Other forest land within the construction zone, ha	153,192
6.4.	Forest land within the Varduva Switchyard area, ha	11,10

No.	Parameter / Unit	Overhead Transmission Line (OHTL)
7.	CROSSINGS OF URBAN DEVELOPMENT AREAS	
7.1.	Municipalities / elderships, No.	7/26
7.2.	Urban development areas designated in municipal master plans, No.	3

Substations and Switchyards

2 table. Main Technical Characteristics and Requirements of the Substations and Switchyards

No.	Main Characteristics	Description
1.	330/110/10 kV Varduva Substation	A new 330 kV Varduva Substation is planned on a new site selected as close as possible to the existing 110 kV Varduva Switchyard. The new 330 kV overhead transmission lines Darbėnai–Varduva and Varduva–Mūša will be connected to the substation. A synchronous condenser will also be installed. The planned area of the Varduva Substation is 11.1 ha.
2.	330 kV Mūša Switchyard	The new 330 kV overhead transmission lines Mūša–Panevėžys and Varduva–Mūša will be connected to the 330 kV Mūša Switchyard.
3.	330 kV Darbėnai Switchyard (Žyneliai Village, Darbėnai Eldership, Kretinga District Municipality)	The new 330 kV Darbėnai–Varduva overhead transmission line will be connected to the 330 kV Darbėnai Switchyard.
4.	330 kV Panevėžys Substation (230 Pušaloto St., Bliūdžiai Village, Panevėžys Eldership, Panevėžys District Municipality) (hereinafter – Panevėžys Substation)	The new 330 kV Mūša–Panevėžys overhead transmission line will be connected to the 330 kV Panevėžys Substation. A dedicated bay for the connection of the new overhead transmission line has already been installed at the Panevėžys Substation.

During the construction phase, foundations for the overhead transmission line towers will be installed, steel lattice towers will be erected, conductors, shield wires and an optical ground wire (OPGW) will be strung, the 330/110/10 kV Varduva Substation will be constructed, and the works required to connect it to the existing electricity transmission network will be carried out. Where necessary, temporary access roads, construction sites and construction material storage areas will be established. During the construction period, a temporary increase in the intensity of construction machinery and heavy goods vehicle traffic is anticipated due to the transportation of construction materials, structural components and equipment. Upon completion of the construction works, traffic volumes will decrease to periodic maintenance and repair visits associated with the overhead transmission lines and the substation.

The construction of the 330 kV overhead transmission lines (OHTLs) and the 330/110/10 kV Varduva Substation will be carried out in accordance with the applicable construction legislation, approved technical designs and construction permits. The construction process will include preparatory works, establishment of temporary construction infrastructure, installation of tower foundations, erection of steel lattice towers, installation of phase conductors, shield wires and the optical ground wire (OPGW), construction of the substation, installation of electrical equipment, testing, commissioning, and the reinstatement and rehabilitation of the construction sites.

Prior to the commencement of construction, geodetic surveys will be carried out, tower locations will be marked, and temporary access roads, construction sites and construction material storage areas will be established. In forested areas, construction works and the conversion of forest land to other land uses will be carried out within a construction zone up to 57 m wide, required for the construction and operation of the overhead transmission line. The electricity transmission line protection zone will be established along the entire

planned transmission line corridor in accordance with the applicable legal requirements. Upon completion of the construction works, all disturbed areas will be reinstated and rehabilitated, including the replacement of the previously removed fertile topsoil.

The overhead transmission line will consist of single-circuit steel lattice towers. The specific tower types, heights and structural solutions will be determined during the preparation of the technical design, taking into account the geological, topographical, meteorological and electrical conditions of the site. During construction, tower foundations will be installed, steel lattice towers erected, conductors, shield wires and the optical ground wire (OPGW) installed. Temporary access roads and construction sites will be established where necessary. During the construction period, a temporary increase in the intensity of construction machinery and heavy goods vehicle traffic is anticipated due to the transportation of construction materials, structural components and equipment. Upon completion of the construction works, traffic volumes will decrease to periodic maintenance and repair visits associated with the overhead transmission lines and the substation.

The substation will comprise foundations and associated engineering structures, together with the installation of power autotransformers, switchyard equipment, circuit breakers, disconnectors, instrument transformers, surge arresters, control, protection and automation systems, and other equipment required for electricity transmission. Transformer oil may be used within the technological equipment and will be operated in sealed systems. In the event of an accidental oil spill, the oil will be collected in dedicated sealed containment systems. Upon completion of the installation works, electrical testing, commissioning of protection and automation systems, and overall commissioning activities will be carried out. Following completion of construction, the temporary construction infrastructure will be dismantled, and the construction sites and all temporarily disturbed areas will be reinstated and rehabilitated.

2.4. Scale of the Proposed Activity (Land Area Occupied, Capacity, Production Scale, Consumption of Water, Raw Materials and Energy, Waste Generation, etc.)

The proposed activity comprises the construction of the 264.74 km long 330 kV Darbėnai–Varduva–Mūša and Panevėžys–Mūša overhead transmission lines, together with the construction of the new 330/110/10 kV Varduva Substation. The engineering infrastructure corridor of the overhead transmission lines covers an area of approximately 2,031.08 ha, while the construction zone within forest land occupies approximately 264.402 ha. Within the planned site of the Varduva Substation, approximately 11.10 ha of forest land is proposed to be converted to other land uses.

Construction materials, including concrete, reinforcing steel, structural steel, conductors, cables, insulators and other electrical equipment, will be used during the construction phase. Fuel and electricity consumption will be associated solely with construction activities and the operation of construction equipment. Water will be used for construction works and the domestic needs of construction personnel. During the operational phase, no significant water demand is anticipated, while electricity will only be required for the operation of the auxiliary systems of the substation.

Construction activities will generate construction, packaging, municipal and other waste streams, which will be sorted and managed in accordance with the applicable legal requirements. During operation, only small quantities of waste are expected to be generated, primarily in connection with the periodic inspection, maintenance and repair of the overhead transmission lines and the substation.

2.5. Implementation Period of the Proposed Activity (e.g. Commencement and Duration of Construction Works, Duration of the Operational and Decommissioning Phases, etc.)

The implementation of the proposed activity is planned in the following stages:

- 2027–2028 – Approval of the Development Plan, adoption of the Environmental Impact Assessment Decision, and establishment of easements and electricity network protection zones;
- 2028 – Commencement of transmission line design works;
- 2031 – Commencement of transmission line construction works;
- 2033 – Completion of transmission line construction works and site reinstatement.

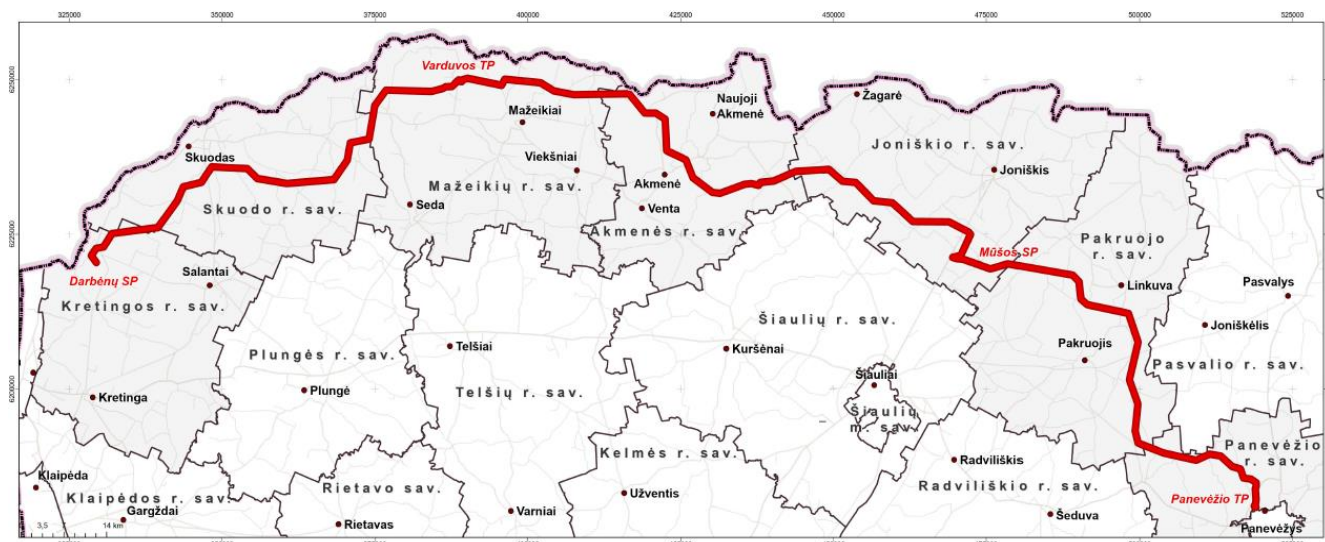
3. Information on the Location of the Proposed Activity

3.1. Location and Description of the Proposed Activity (Geographical Characteristics of the Area, Social and Economic Features, Distance to the Affected Party to the Convention and Sensitive Areas Located Therein, e.g. Natura 2000 Sites and Other Protected Areas, Cultural Heritage Properties and Cultural Heritage Sites, Settlements, etc.)

The proposed activity is located in northern Lithuania and extends in a west–east direction. It comprises the planned 330 kV Darbėnai–Varduva–Mūša–Panevėžys overhead transmission line and the 330/110/10 kV Varduva Substation. The route of the planned transmission infrastructure and the site of the substation are located within the territories of the municipalities and elderships listed in the table below. The location of the proposed activity is shown in Figure 1 pav.

3 table. Municipalities and Elderships Crossed by the Proposed Activity

Kretinga District Municipality	Skuodas District Municipality	Mažeikiai District Municipality	Akmenė District Municipality	Joniškis District Municipality	Pakruojis District Municipality	Panevėžys District Municipality
Darbėnai Eldership	Lenkimai Eldership	Židikai Eldership	Akmenė Eldership	Gaižaičiai Eldership	Pašvitinys Eldership.	Smilgiai Eldership
	Skuodas Eldership	Mažeikiai Rural Eldership	Naujoji Akmenė Rural Eldership	Rudiškiai Eldership	Linkuva Eldership	Panevėžys Eldership
	Mosėdis Eldership	Reivyčiai Eldership	Kruopiai Eldership	Joniškis Eldership	Klovainiai Eldership	Pajstrys Eldership
	Aleksandrija Eldership	Laižuva Eldership		Gataučiai Eldership.	Rozalimas Eldership	
	Šatės Eldership			Kepaliai Eldership		
	Ylakai Eldership					



Proposed 330 kV Overhead Transmission Lines

1 pav. Location of the Proposed Activity

The majority of the proposed overhead transmission line route extends through agricultural land, while locally crossing forest areas, surface water bodies, transport infrastructure and other engineering infrastructure. The route also passes through scattered residential areas and rural settlements, while avoiding densely urbanised areas.

The closest point of the proposed 330 kV overhead transmission line (OHTL) route is located approximately 760 m from the state border between the Republic of Lithuania and the Republic of Latvia. The remaining

sections of the proposed activity are located at a distance of not less than approximately 1.5 km from the state border of the Republic of Latvia. The planned 330/110/10 kV Varduva Substation is situated approximately 4 km from the state border between the Republic of Lithuania and the Republic of Latvia.

Within the immediate cross-border area of Lithuania and Latvia, the nearest Natura 2000 site is the Special Area of Conservation (SAC) Ventos aukštupys (site code LTAKM0002), located approximately 730 m from the proposed OHTL. No other protected areas or cultural heritage properties are located within the border area. The nearest isolated residential buildings on the Latvian side, in the settlement of Janmuiža, are situated at a distance of more than 1 km from the proposed OHTL. No cultural heritage properties have been identified within the border area. An assessment of the potential transboundary impacts on these areas is provided in Chapter 4 of this document.

The area of the proposed activity is characterised by a rural landscape dominated by agricultural land, scattered settlements, forest areas, and well-developed transport and engineering infrastructure.

The location of the proposed activity, the routes of the overhead transmission lines, and the distances to the state border between the Republic of Lithuania and the Republic of Latvia are presented in Section 3.3 of this document.

3.2. Justification for the Selection of the Location of the Proposed Activity (e.g. Geographical and Economic Considerations)

The location of the proposed activity was selected in accordance with the national objectives for the development of the electricity transmission network and the relevant strategic planning documents. The Project contributes to the strengthening of the Lithuanian electricity transmission system, the expansion of the electricity transmission network, the enhancement of energy security, and the synchronisation of the Lithuanian electricity system with the Continental European electricity network. The proposed activity is consistent with the national long-term and medium-term strategic planning documents, including the 2022–2031 Development Plan for the 400–110 kV Electricity Transmission Network of the Lithuanian Electricity System, the National Energy Independence Strategy, the Implementation Plan for the Synchronisation of the Electricity System, and other relevant strategic documents.

During the preparation of the Development Plan, three alternative route options for the 330 kV overhead transmission line and two alternative locations for the 330/110/10 kV Varduva Substation were assessed. The alternatives were evaluated using a multi-criteria approach, taking into account environmental, social, economic and technical considerations, the provisions of spatial planning documents, as well as national security requirements and the reliability of the electricity transmission system. The assessment aimed to avoid, to the greatest extent possible, protected areas, Natura 2000 sites, areas important for biodiversity, cultural heritage properties and densely populated areas, while also minimising impacts on the landscape, forests and other environmentally sensitive areas. In addition, project implementation costs, operational reliability, energy security objectives and the potential to ensure efficient development of the electricity transmission network were taken into consideration.

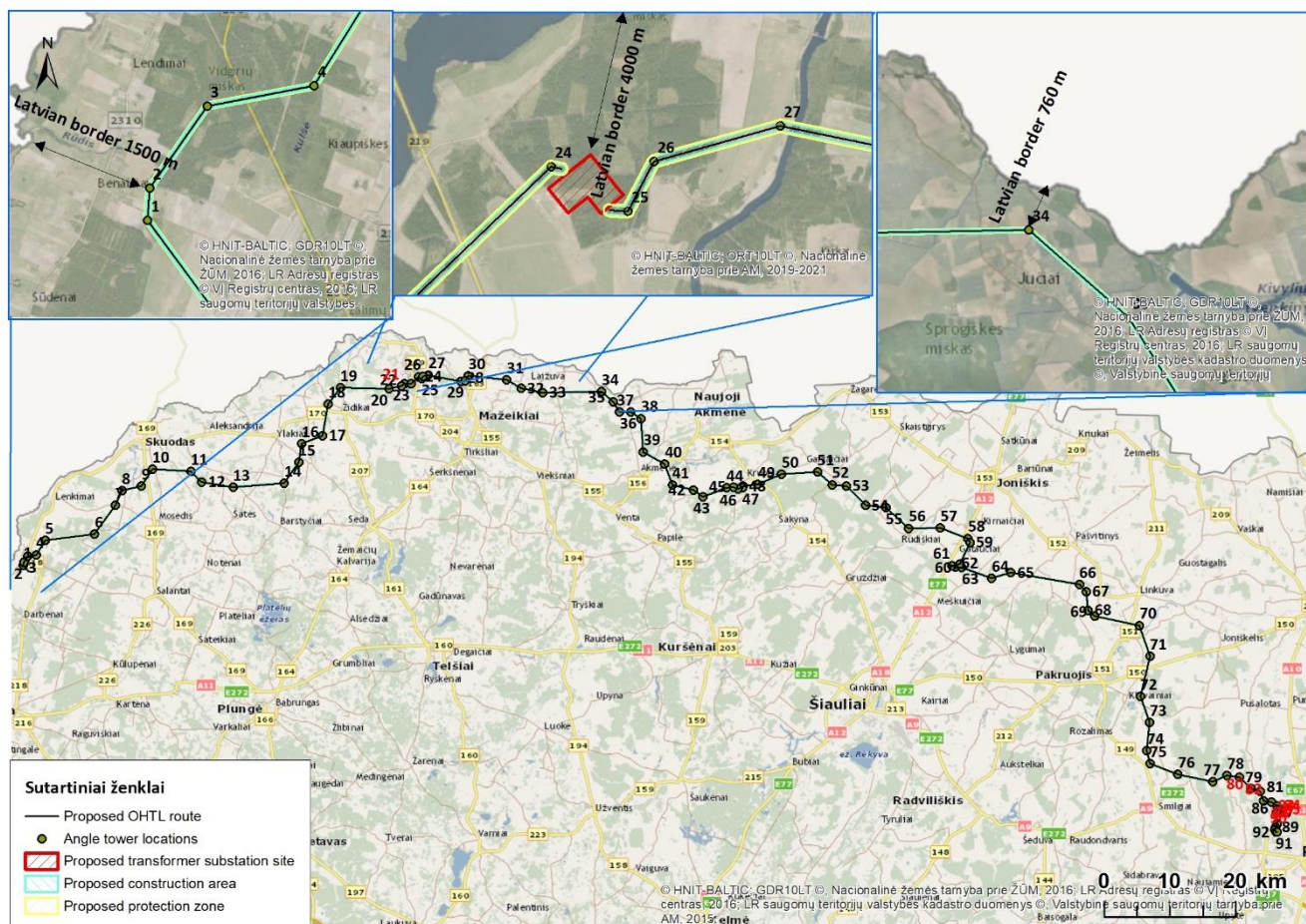
Based on the results of the multi-criteria assessment, Alternative A of the overhead transmission line, together with Alternative II for the location of the Varduva Substation, was identified as the preferred option, as it provides the best balance between environmental, social, economic and technical considerations while enabling the Project objectives to be achieved without causing significant adverse environmental impacts.

The proposed activity described in this Information Document corresponds to Alternative A of the overhead transmission line and Alternative II for the location of the Varduva Substation, which were identified as the preferred solutions of the Development Plan following the assessment of alternatives.

3.3. Maps and Other Graphic Materials Delineating the Proposed Activity and Indicating the Distances to the Affected Party to the Convention and the Sensitive Areas Referred to in Section 3.1 Located Therein

The location of the proposed activity, the route of the 330 kV overhead transmission lines, the location of the 330/110/10 kV Varduva Substation, and the distances to the state border between the Republic of Lithuania and the Republic of Latvia are shown in Figure 2 pav.

A more detailed map (Figure 3 pav.) presents the section of the proposed overhead transmission line route located closest to the state border with the Republic of Latvia, together with the distances to the nearest residential areas and the Natura 2000 sites situated within the Lithuania–Latvia border area.



2 pav. Location of the Proposed Activity, Including the OHTL and the Varduva Substation, and the Shortest Distances to the State Border between the Republic of Lithuania and the Republic of Latvia



3 pav. Section of the Proposed Overhead Transmission Line Route Closest to the State Border between the Republic of Lithuania and the Republic of Latvia, Including the Distances to the Nearest Residential Buildings and Natura 2000 Sites

4. Information on the Potential Significant Adverse Transboundary Environmental Impact

4.1. Basis for the Potential Transboundary Environmental Impact

The proposed activity comprises the construction of the 264.74 km long 330 kV Darbėnai–Varduva–Mūša and Panevėžys–Mūša overhead transmission lines, together with the construction of the 330/110/10 kV Varduva Substation in the northern part of the Republic of Lithuania. The closest point of the proposed 330 kV overhead transmission line route is located approximately 760 m from the state border between the Republic of Lithuania and the Republic of Latvia. Consequently, the proposed activity has the potential to result in transboundary environmental impacts.

The nearest environmentally sensitive area within the Lithuania–Latvia border region, located on the territory of the Republic of Lithuania, is the Natura 2000 Special Area of Conservation (SAC) Ventos aukštupys (site code LTAKM0002), situated approximately 730 m from the proposed overhead transmission line. The nearest residential buildings in the territory of the Republic of Latvia, located in the settlement of Janmuiža, are situated more than 1 km from the proposed overhead transmission line. No cultural heritage properties that could be subject to significant transboundary impacts have been identified within the border area.

Pursuant to the provisions of the Law of the Republic of Lithuania on Environmental Impact Assessment of the Proposed Economic Activity, the Ministry of Environment of the Republic of Lithuania has determined that the proposed activity may have a significant impact on the environment of the Republic of Latvia. Therefore, the environmental impact assessment procedure is being carried out in a transboundary context in accordance with the requirements of the 1991 United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context (Espoo Convention).

4.2. Impacts on Biodiversity and Protected Areas

The potential transboundary impacts on biodiversity are primarily associated with the construction and operation of the 330 kV overhead transmission line within the border area and the potential effects on birds. The closest point of the proposed overhead transmission line route is located approximately 760 m from the state border between the Republic of Lithuania and the Republic of Latvia. The nearest Natura 2000 site, located within the territory of the Republic of Lithuania, is the Ventos aukštupys Special Area of Conservation (SAC) (site code LTAKM0002), situated approximately 730 m from the proposed activity. According to the data of the Protected Species Information System (SRIS), no occurrences of protected species have been recorded within the proposed activity area adjacent to the state border between Lithuania and Latvia.

To minimise impacts on biodiversity, the width of the construction zone has been reduced from 77 m to 57 m, thereby reducing both the area of habitats directly affected and the extent of construction activities. In sections of the overhead transmission line identified as sensitive for birds, bird flight diverters (line marking devices) will be installed to increase the visibility of the conductors. In addition, monitoring of bird mortality and collision risk will be carried out during the operational phase. Following its assessment of the proposed activity and the planned mitigation measures, the State Service for Protected Areas under the Ministry of Environment approved Alternative I for the overhead transmission line and Alternative II for the location of the Varduva Substation, which is the option assessed in this Information Document.

Taking into account the nature of the proposed activity, the distance to the state border between the Republic of Lithuania and the Republic of Latvia, the absence of recorded protected species occurrences within the border area, and the planned mitigation measures, no significant adverse transboundary impacts on the biodiversity or protected areas of the Republic of Latvia are anticipated.

4.3. Impacts on Surface Water and Groundwater

Potential transboundary impacts on surface water and groundwater are associated exclusively with the construction phase. The proposed 330 kV overhead transmission line will extend across the Venta River Basin District and the Lielupe River Basin, crossing 94 surface water bodies (104 crossings), including the Mūša River and other water bodies within the Lielupe River Basin. No overhead transmission line towers are planned within the riparian protection strips of surface water bodies.

Only the conductors will span the surface water bodies; therefore, no excavation works will be carried out within river channels or riparian protection strips. Consequently, the hydrological regime of the water bodies will not be altered, and no increase in water turbidity as a result of construction activities is anticipated. Overhead transmission line towers, construction equipment laydown areas and temporary access roads will not be established within 25 m of the banks of surface water bodies.

During the operational phase, no water will be abstracted from surface water bodies, no industrial wastewater will be generated, and no wastewater will be discharged into surface water or groundwater. Any damaged drainage systems will be restored to their original technical condition, and no overhead transmission line towers will be installed within flood-prone areas.

Taking into account the proposed technical solutions, the planned mitigation measures, and the fact that the closest point of the proposed activity is located approximately 760 m from the state border with the Republic of Latvia, no significant adverse transboundary impacts on the surface water or groundwater of the Republic of Latvia, including the water bodies of the Lielupe River Basin, are anticipated.

4.4. Impacts on Ambient Air, Noise, Electromagnetic Fields and Public Health

Potential transboundary impacts on ambient air, noise, electromagnetic fields and public health may only be associated with the construction works and the operation of the 330 kV overhead transmission line. The closest point of the proposed activity is located approximately 760 m from the state border between the Republic of Lithuania and the Republic of Latvia, while the nearest residential buildings within the territory of the Republic of Latvia are situated more than 1 km from the proposed overhead transmission line.

During the construction phase, temporary and localised noise, air emissions and vibration may occur as a result of the operation of construction machinery and transport vehicles. These impacts will be confined to the construction sites within the territory of the Republic of Lithuania and, due to the distance from the state border, are not expected to result in significant transboundary impacts.

During the operational phase, the 330 kV overhead transmission line and the substation will not be associated with continuous emissions of pollutants into the ambient air or with the generation of industrial wastewater. According to the findings of the Environmental Impact Assessment Report, the electric and magnetic field strengths outside the protection zone of the 330 kV overhead transmission line do not exceed the limit values established by the Lithuanian Hygiene Norms and decrease rapidly with increasing distance from the transmission line. Taking into account that the closest point of the territory of the Republic of Latvia is located approximately 760 m from the proposed overhead transmission line, while the nearest residential buildings are situated more than 1 km away, no significant electromagnetic field impacts within the territory of the Republic of Latvia are anticipated.

Taking into account the nature of the proposed activity, the localised character of the impacts, the distance to the state border of the Republic of Latvia, and the proposed technical solutions, no significant adverse transboundary impacts on ambient air, the acoustic environment, electromagnetic fields or public health are anticipated.

4.5. Impacts on Landscape and Cultural Heritage

Potential transboundary impacts on the landscape are associated with the visibility of the towers and conductors of the new 330 kV overhead transmission line within the border area. The closest point of the proposed overhead transmission line is located approximately 760 m from the state border between the Republic of Lithuania and the Republic of Latvia. Consequently, the towers of the overhead transmission line may be visible from certain locations within the territory of the Republic of Latvia.

According to the landscape assessment presented in the Environmental Impact Assessment Report, the proposed overhead transmission line will extend predominantly through agricultural and forested landscapes where anthropogenic elements are already present. Although the overhead transmission line will become a new technogenic element of the landscape, it will not be located within areas of particularly high visual or aesthetic value. Furthermore, the zones of visual dominance and visual influence of the transmission line do not include the most valuable viewpoints or the most distinctive landscape complexes.

No cultural heritage properties that could be subject to direct or significant visual impacts from the proposed activity have been identified within the border area between the Republic of Lithuania and the Republic of Latvia.

Taking into account the nature of the proposed activity, the distance to the state border of the Republic of Latvia, and the results of the landscape assessment presented in the Environmental Impact Assessment Report, no significant adverse transboundary impacts on the landscape or cultural heritage of the Republic of Latvia are anticipated.

4.6. Transboundary Risk of Accidents and Emergency Situations

Potential transboundary risks associated with accidents and emergency situations are related to failures of electrical equipment, fires, extreme meteorological events, construction-related accidents, and the potential release of transformer oil at the 330/110/10 kV Varduva Substation.

The 330 kV overhead transmission line and the substation will be designed, constructed and operated in accordance with the applicable technical, fire safety, occupational health and safety, and environmental protection requirements governing electricity transmission infrastructure. The substation will be equipped with electrical protection, control and automation systems. Oil-filled equipment will be provided with technical containment measures designed to collect and retain transformer oil in the event of an accidental spill, thereby preventing the release of pollutants into the environment.

Any accidents occurring during the construction phase would be localised and associated with the operation of construction equipment. In the event of an accidental spill of fuel or other operating fluids, the contamination would be immediately contained, collected and managed in accordance with the applicable legal requirements. During the operational phase, potential disturbances to the electricity transmission system or the consequences of extreme meteorological events would be managed in accordance with the accident prevention and emergency response procedures applied by the electricity transmission system operator.

Taking into account the nature of the proposed activity, the proposed technical solutions, the accident prevention measures, the distance to the state border of the Republic of Latvia, and the fact that any accidental

events would be contained at their source, no significant adverse transboundary risks arising from accidents or emergency situations to the environment or public health of the Republic of Latvia are anticipated.

4.7. Positive Social and Economic Impacts

The proposed Project for the Interconnection of the North-Western and Eastern Electricity Transmission Networks constitutes a strategically important component of the development of the Lithuanian electricity transmission system. The Project aims to interconnect the eastern and north-western parts of the Lithuanian electricity system, enhance the reliability of the electricity transmission system, and provide the basis for the further development of the electricity transmission network.

Upon implementation of the Project, the interconnection capacity between the electricity transmission systems of Lithuania and Latvia will be increased, thereby contributing to a more reliable transmission of electricity within the Baltic region, improving the resilience of the electricity system, and supporting the more efficient functioning of the regional electricity market. The Project will also facilitate the integration of new renewable energy generation capacity, including onshore and offshore wind farms and solar power plants, into the electricity transmission network, as well as the development of new electricity consumers, such as the hydrogen industry.

The Project will contribute to strengthening national and regional energy security, improving the reliability of electricity supply, and enhancing the integration of the electricity systems within the Baltic region. In the Environmental Impact Assessment Report, these aspects have been assessed as constituting significant positive social and economic impacts.

4.8. Conclusion on the Potential Transboundary Environmental Impact

Taking into account the nature, scale and location of the proposed activity, the potential impact factors, the distribution of sensitive environmental receptors, the proposed technical solutions, and the planned impact avoidance and mitigation measures, it is concluded that the construction and operation of the proposed 330 kV Darbėnai–Varduva–Mūša and Panevėžys–Mūša overhead transmission lines, together with the 330/110/10 kV Varduva Substation, will not result in significant adverse transboundary environmental impacts on the Republic of Latvia.

Potential impacts on biodiversity and protected areas, surface water and groundwater, ambient air, noise, electromagnetic fields, public health, landscape, cultural heritage, as well as those associated with accidents and emergency situations, are localised in nature, are expected to be confined predominantly to the territory of the Republic of Lithuania, and, with the implementation of the proposed impact avoidance and mitigation measures, will not reach a magnitude that could be considered a significant adverse transboundary environmental impact.

At the same time, the proposed activity will provide significant benefits for the regional electricity system by improving the reliability of the electricity transmission network, increasing the interconnection capacity between the electricity transmission systems of Lithuania and Latvia, facilitating the integration of renewable energy sources, and contributing to the strengthening of energy security throughout the Baltic region.

APPENDICES

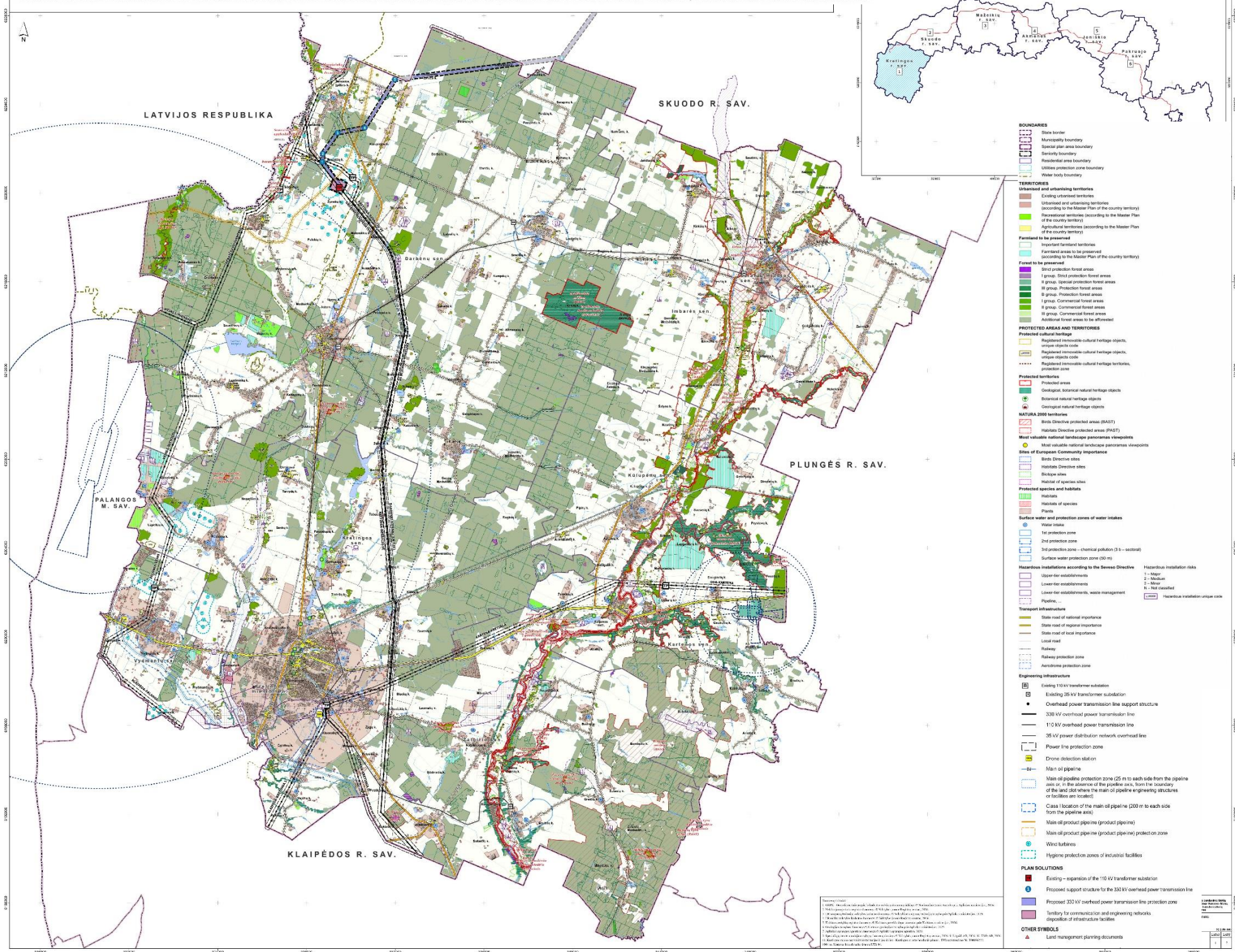
1. Appendix 1. Overhead Transmission Line Route and Switchyard Drawings

1 APPENDIX. Overhead Transmission Line Route and Switchyard Drawings

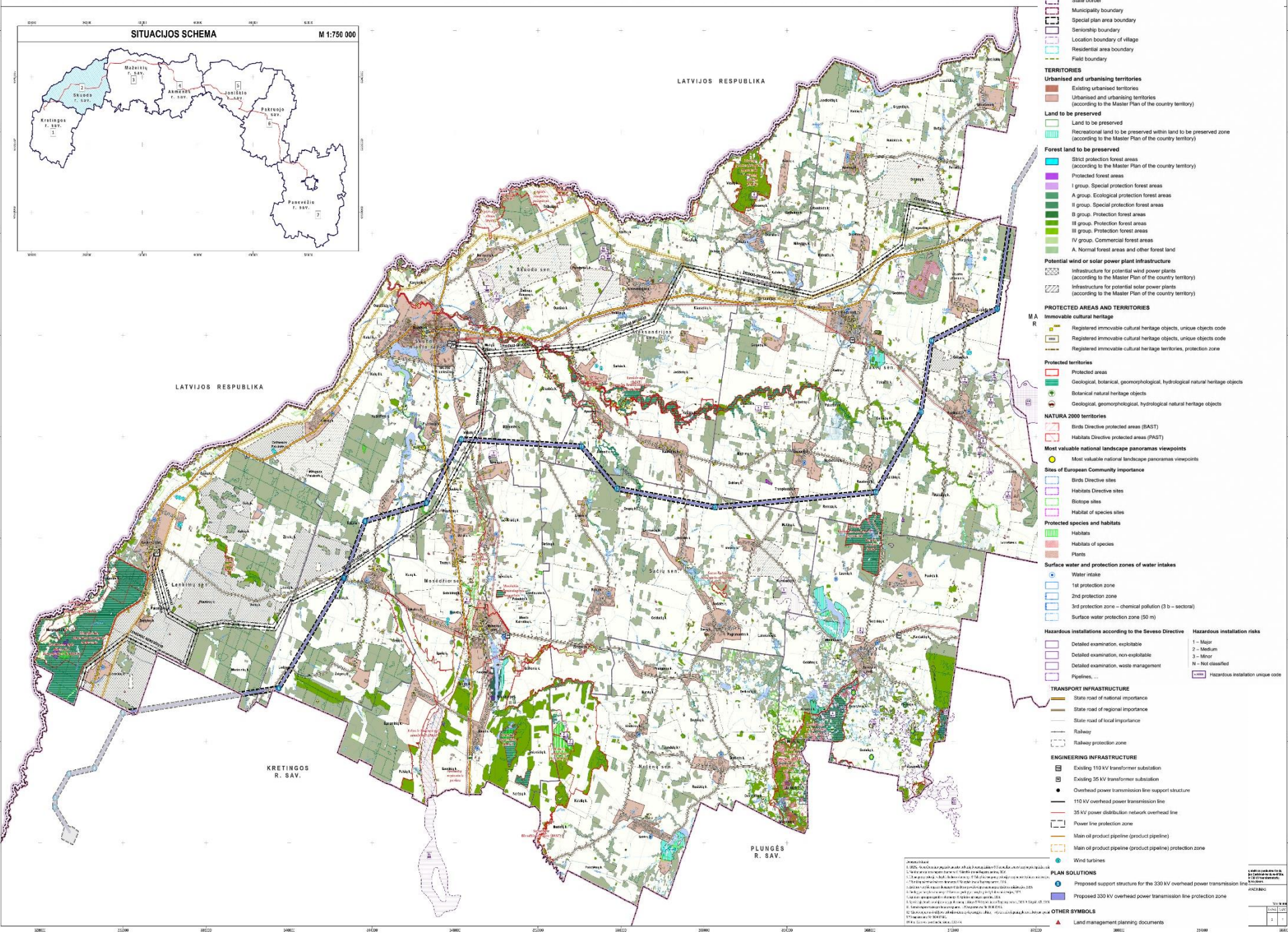
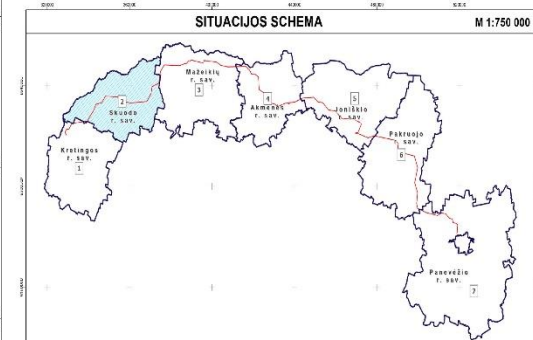
PLAN FOR THE CONSTRUCTION OF A STATE IMPORTANT POWER SUPPLY RELIABILITY AND SECURITY PROJECT AND OVERHEAD ELECTRICITY TRANSMISSION LINES (330 KV OVERHEAD ELECTRICITY TRANSMISSION LINE DARBĒNAI-VARĀDUVA-MŪŠA, 330 KV OVERHEAD ELECTRICITY TRANSMISSION LINE PANEVĒŽYS-MŪŠA AND 330 KV SWITCHING STATION "VARĀDUVA") ENGINEERING INFRASTRUCTURE DEVELOPMENT PLAN

SITUACIJOS SCHEMA

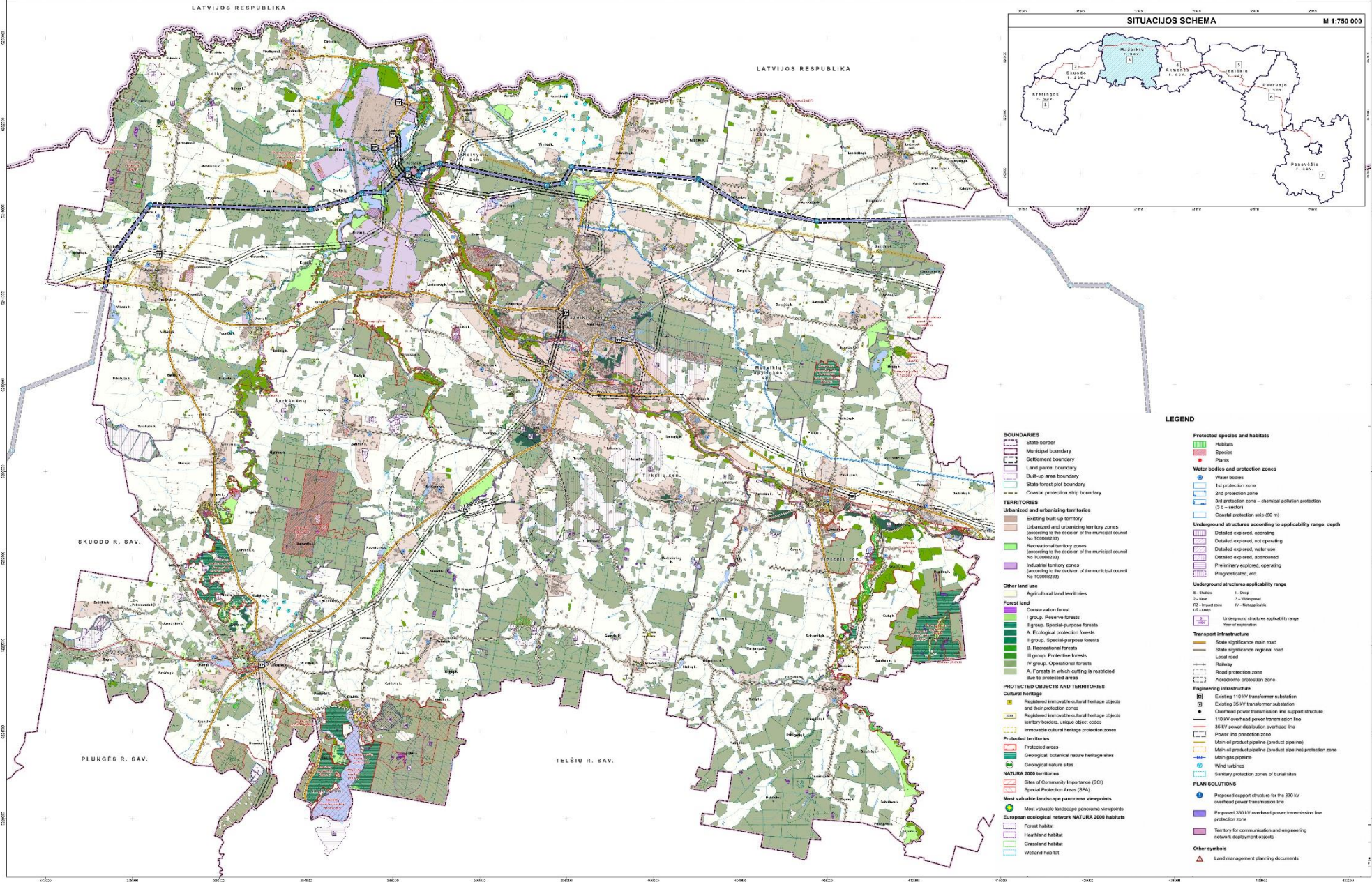
M 1:750 000



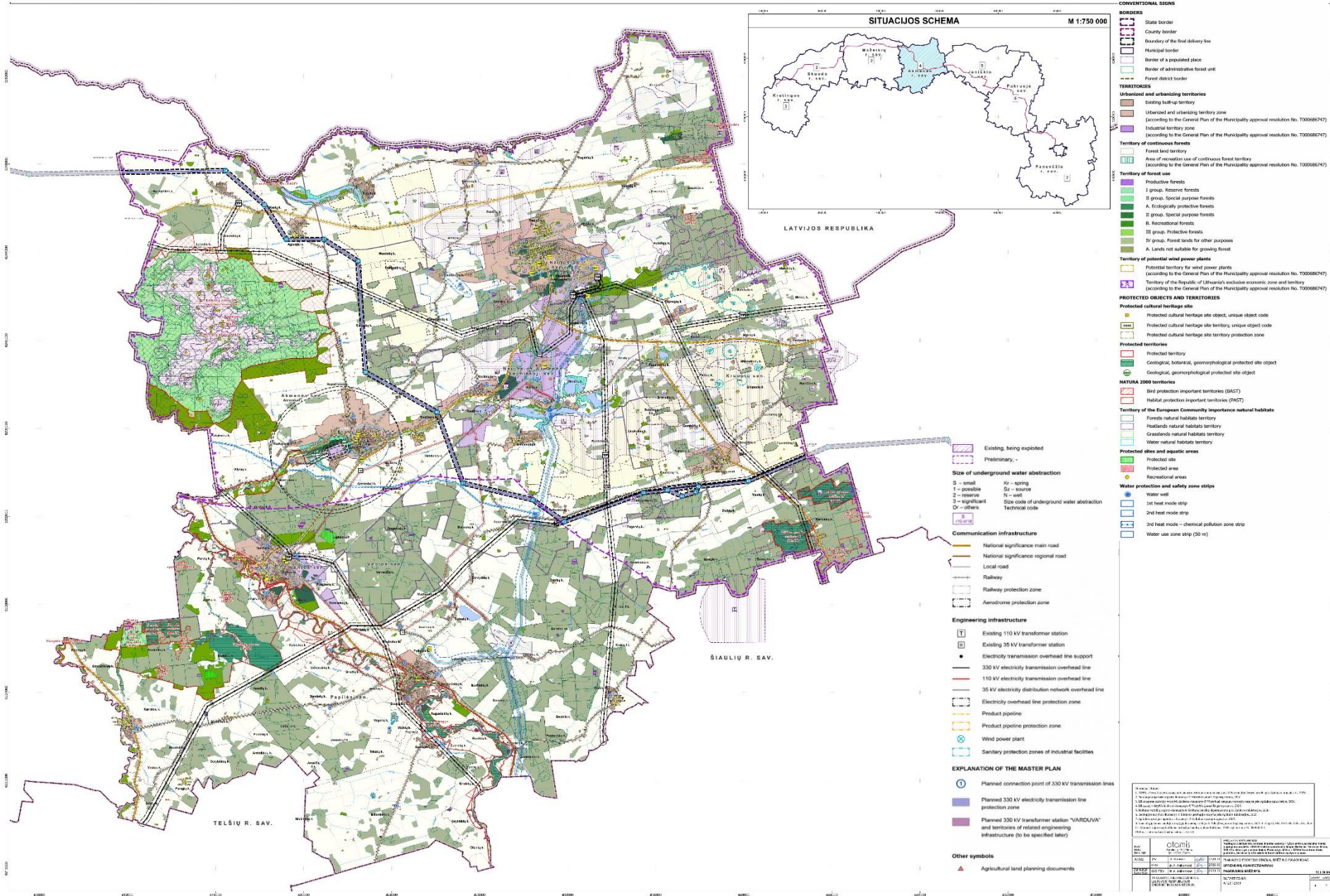
PLAN FOR THE CONSTRUCTION OF A STATE IMPORTANT POWER SUPPLY RELIABILITY AND SECURITY PROJECT AND OVERHEAD ELECTRICITY TRANSMISSION LINES (330 KV OVERHEAD ELECTRICITY TRANSMISSION LINE DARBĒNAI–VARDUVA–MŪŠA, 330 KV OVERHEAD ELECTRICITY TRANSMISSION LINE PANEVĒŽYS–MŪŠA AND 330 KV SWITCHING STATION “VARDUVA”) ENGINEERING INFRASTRUCTURE



PLAN FOR THE CONSTRUCTION OF A STATE IMPORTANT POWER SUPPLY RELIABILITY AND SECURITY PROJECT AND OVERHEAD ELECTRICITY TRANSMISSION LINES (330 KV OVERHEAD ELECTRICITY TRANSMISSION LINE DARBĒNAI-VARDUVA-MŪŠA, 330 KV OVERHEAD ELECTRICITY TRANSMISSION LINE PANEVĒŽYS-MŪŠA IR 330 KV TRANSFORMER SUBSTATION „VARDUVA“) ENGINEERING INFRASTRUCTURE DEVELOPMENT PLAN

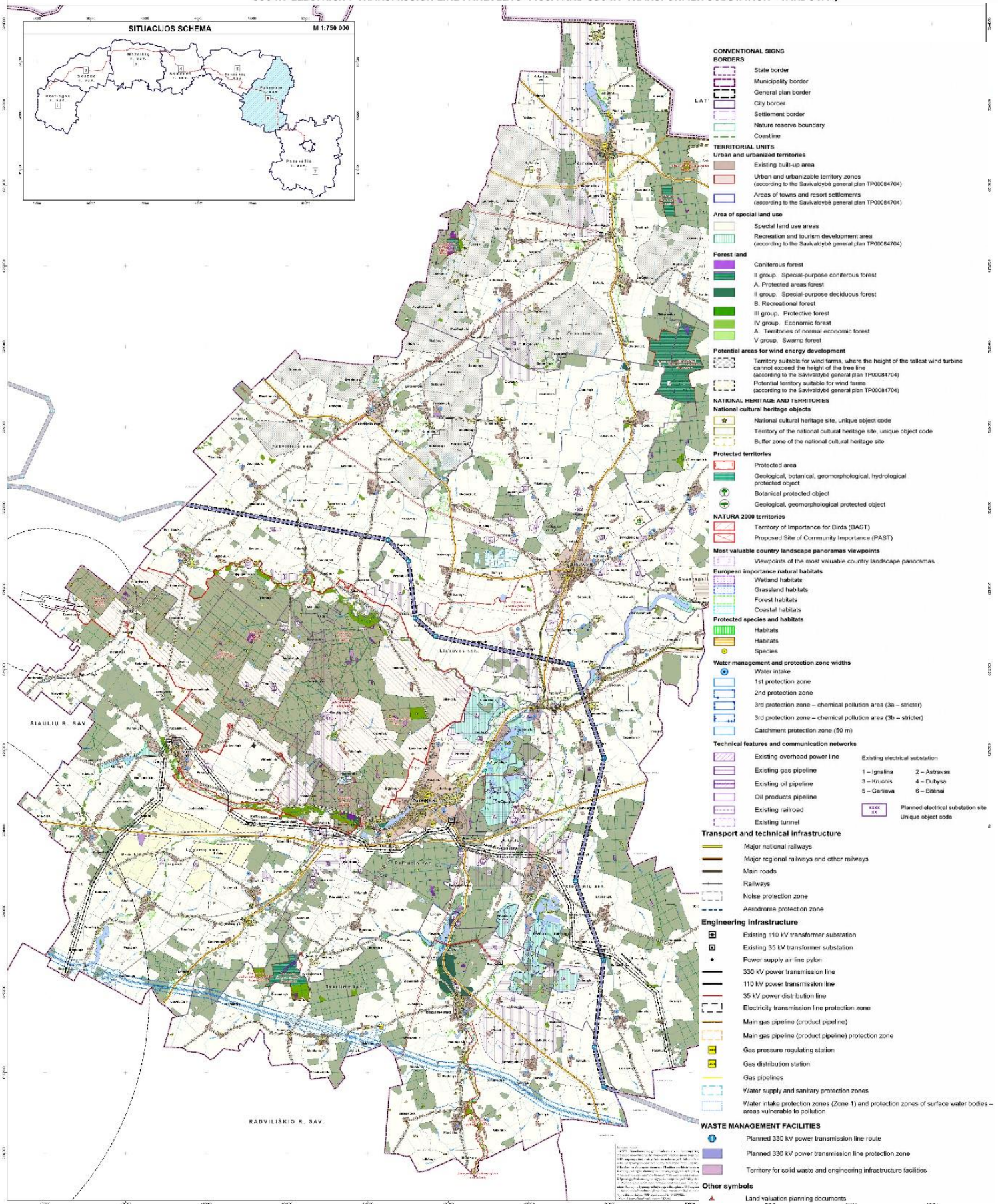


DETAILED PLAN OF THE PROJECT FOR THE CREATION OF A HIGH-VOLTAGE ELECTRICITY TRANSMISSION NETWORK CONNECTION (330 kV TRANSMISSION LINE SECTION DARBĒNA–VARDUVA–MŪŠA, 330 kV TRANSMISSION LINE SECTION PANEVĒŽYS–MŪŠA AND 330 kV TRANSFORMER STATION “VARDUVA”) AND ENGINEERING INFRASTRUCTURE DEVELOPMENT PLAN

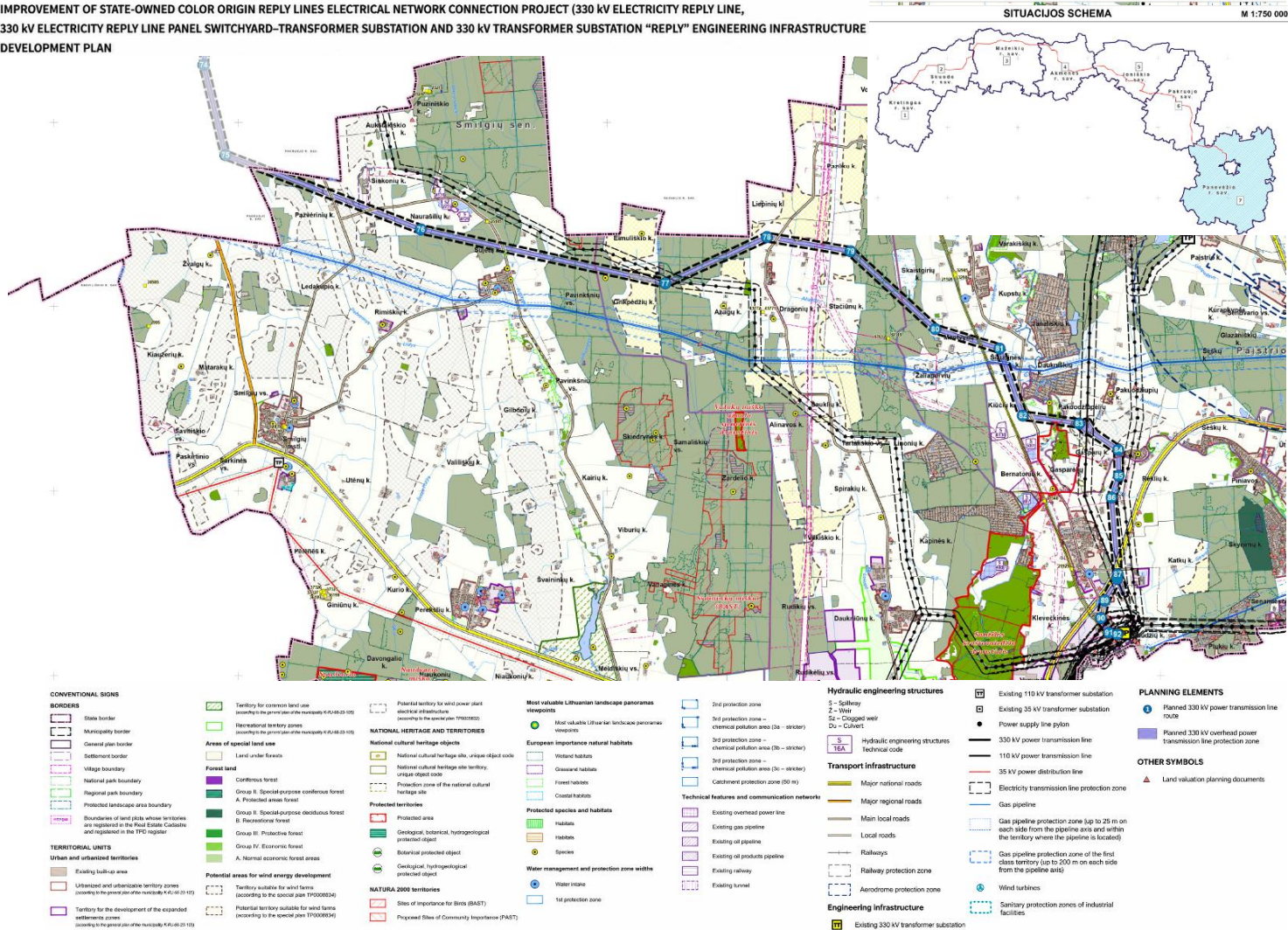


YPATINGOS VALSTYBINĖS SVARBOS ŠIAURĖS VAKARŲ IR
330 kV ELEKTROS PERDAVIMO LINIJOS PANEVŽYS-MŪŠA

PLAN FOR THE DEVELOPMENT OF THE ENGINEERING INFRASTRUCTURE OF THE PROJECT OF SPECIAL NATIONAL IMPORTANCE FOR THE INTERCONNECTION OF
THE NORTH-WESTERN AND EASTERN ELECTRICITY TRANSMISSION NETWORKS (330 kV ELECTRICITY TRANSMISSION LINE DARBĖNAI-VARDUVA-MŪŠA,
330 kV ELECTRICITY TRANSMISSION LINE PANEVŽYS-MŪŠA AND 330 kV TRANSFORMER SUBSTATION "VARDUVA")



IMPROVEMENT OF STATE-OWNED COLOR ORIGIN REPLY LINES ELECTRICAL NETWORK CONNECTION PROJECT (330 kV ELECTRICITY REPLY LINE,
330 kV ELECTRICITY REPLY LINE PANEL SWITCHYARD-TRANSFORMER SUBSTATION AND 330 kV TRANSFORMER SUBSTATION "REPLY" ENGINEERING INFRASTRUCTURE
DEVELOPMENT PLAN



DETALŪS METADUOMENYS

Dokumento sudarytojas (-ai)	Lietuvos Respublikos aplinkos ministerija 188602370, A. Jakšto g. 4, LT-01105 Vilnius
Dokumento pavadinimas (antraštė)	NOTIFICATION IN ACCORDANCE WITH ARTICLE 3 OF THE CONVENTION ON ENVIRONMENTAL IMPACT ASSESSMENT REGARDING CONSTRUCTION AND OPERATION OF A PROJECT OF NATIONAL IMPORTANCE FOR THE INTERCONNECTION OF THE NORTH-WESTERN AND EASTERN ELECTRICITY TRANSMISSION NETWORKS ("CONSTRUCTION OF THE 330 KV DARBĖNAI-VARDUVA-MŪŠA TRANSMISSION LINE, THE 330 KV PANEVĖŽYS-MŪŠA TRANSMISSION LINE AND THE 330/110/10 KV VARDUVA SUBSTATION")
Dokumento registracijos data ir numeris	2026-08-14 Nr. D8(E)-3313
Dokumento gavimo data ir dokumento gavimo registracijos numeris	–
Dokumento specifikacijos identifikavimo žymuo	ADOC-V1.0
Parašo paskirtis	Pasirašymas
Parašą sukūrusio asmens vardas, pavardė ir pareigos	Giedrė Ričkutė, Viceministras
Sertifikatas išduotas	GIEDRĖ RIČKUTĖ, Lietuvos Respublikos aplinkos ministerija LT
Parašo sukūrimo data ir laikas	2026-08-14 10:37:20 (GMT+03:00)
Parašo formatas	XAdES-T
Laiko žymoje nurodytas laikas	2026-08-14 10:37:27 (GMT+03:00)
Informacija apie sertifikavimo paslaugų teikėją	MD CA, Migracijos departamentas prie LR VRM LT
Sertifikato galiojimo laikas	2026-07-27 09:35:40 – 2030-07-26 09:35:40
Informacija apie būdus, naudotus metaduomenų vientisumui užtikrinti	"Registravimas" paskirties metaduomenų vientisumas užtikrintas naudojant "RCSC IssuingCA-2, VI Registru Centras - i.k. 124110246 LT" išduotą sertifikatą "DBSIS, Informatikos ir ryšių departamentas prie Lietuvos Respublikos vidaus reikalų ministerijos, į.k.188774822 LT", sertifikatas galioja nuo 2025-05-16 11:31:08 iki 2028-05-15 11:31:08
Pagrindinio dokumento priedų skaičius	2
Pagrindinio dokumento pridedamų dokumentų skaičius	–
Priedamo dokumento sudarytojas (-ai)	–
Priedamo dokumento pavadinimas (antraštė)	–
Priedamo dokumento registracijos data ir numeris	–
Programinės įrangos, kuria naudojantis sudarytas elektroninis dokumentas, pavadinimas	DBSIS, versija 3.5.90.5
Informacija apie elektroninio dokumento ir elektroninio (-ių) parašo (-ų) tikrinimą (tikrinimo data)	Atitinka specifikacijos keliamus reikalavimus. Visi dokumente esantys elektroniniai parašai galioja (2026-08-14 10:41:38)
Paieškos nuoroda	–
Papildomi metaduomenys	Nuorašą suformavo 2026-08-14 10:41:38 DBSIS